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TECH CENTER 1600/2900

ATTACHMENT A

Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An insect repellent substrate for repelling lice and other parasitic insects and for attachment to the inside of a garment to be worn by a person, the substrate comprising:

a strip of fabric base material impregnated with a repellent carrier composition, the carrier composition being solid at a temperature below body temperature room temperature, the strip being adapted to attach to the inside of a garment in a manner that will ensure continuous contact of the portion of the garment containing the insect repellent substrate with the wearer's hair or body, the carrier composition including a mixture of wax and an insect repellent in proportions such that when exposed to body temperature heat, the insect repellent will be controllably released from the carrier composition~~the carrier composition softens when at a temperature corresponding to the body temperature of a person~~, the insect repellent being present in an amount that is non-toxic to a person but sufficient to treat and prevent infestations of lice and other parasitic insects on a person whereby, in use, when the garment is worn by a person such that the portion of the garment containing the insect repellent substrate is in contact with hair or skin of the person, and the person's body heat causes the insect repellent to be controllably released~~carrier composition to soften to thereby provide a controlled release of the insect repellent from the fabric base material to the hair or skin of the person~~ so as to treat or prevent infestations of lice and other parasitic insects.

2. (Original) An insect repellent substrate as defined in claim 1, wherein the insect repellent is a naturally occurring compound.

3. (Original) An insect repellent substrate as defined in claim 2, wherein the insect repellent includes an extract from the pyrethrum flower.

4. (Original) An insect repellent substrate as defined in claim 3, wherein the insect repellent is a pyrethrum solution.

5. (Original) An insect repellent substrate as defined in claim 1, wherein the carrier composition further includes one or more scented or aromatic oils.

6. (Previously presented) An insect repellent substrate as defined in claim 5, wherein the carrier composition includes citronella oil and rosemary oil.

7. (Currently amended) An insect repellent substrate as defined in claim 2, wherein the carrier composition further includes neem oil, ~~a naturally occurring insect repellent~~.

8. (Original) An insect repellent substrate as defined in claim 1, wherein the wax is a paraffin wax.

9. (Original) An insect repellent substrate as defined in claim 4, wherein the carrier composition includes between 0.5% to 6.0% by volume of pyrethrum.

10. (Original) An insect repellent substrate as defined in claim 9, wherein the carrier composition includes between 0.5% to 4.0% citronella oil.

11. (Original) An insect repellent substrate as defined in claim 10, wherein the carrier composition includes between 0.5% to 5.0% rosemary oil.

12. (Original) An insect repellent substrate as defined in claim 11, wherein the carrier composition includes between 3.0% to 9.0% neem oil.

13. (Original) An insect repellent substrate as defined in claim 12, wherein the carrier composition also includes between 0.5% to 6.0% eucalyptus oil.

14. (Original) An insect repellent substrate as defined in claim 13, wherein the carrier composition includes 30 mls of pyrethrum (50% w/w), 20 mls of citronella, 25 mls of rosemary and 45 mls of neem oil to every one litre of wax.

15. (Original) An insect repellent substrate as defined in claim 1, wherein the fabric base material is a felt material.

16. (Original) An insect repellent substrate as defined in claim 15, wherein the fabric base material is a polyester/cotton blend felt material.

17. (Currently amended) A method of manufacturing an insect repellent substrate for repelling lice and other parasitic insects for attachment to a garment to be worn by a person, the method comprising:

producing a repellent carrier composition by

heating a wax to a liquid state, and

mixing an insect repellent with the liquid wax to form a mixture;

the wax and insect repellent being in proportions such that the carrier

composition is solid at ~~room-temperatures~~ below body temperature and

will controllably release the insect repellent ~~softens when~~ at a temperature

corresponding to the body temperature of a person;

dipping a strip of fabric base material into the carrier composition while still in the liquid state for a sufficient length of time to allow the base material to absorb some of the carrier composition and such that the insect repellent is present in an amount that is

non-toxic to the person but sufficient to treat and prevent infestations of lice and other parasitic insects on a person;

allowing the impregnated strip of base material to cool so that the carrier composition solidifies on the base material to form said insect repellent substrate; and,

attaching the substrate inside of a ~~to the~~ garment in a manner that will ensure continuous contact of the portion of the garment containing the insect repellent substrate with the hair or body of a wearer of the garment, whereby, in use, when the garment is worn by a person such that the ~~insect repellent substrate is in contact with hair or skin of the person,~~ the wearer's body heat causes the carrier composition to controllably release ~~softer to provide a controlled release of~~ the insect repellent from the fabric base material to the hair or skin of the person.

18. (Original) A method of manufacturing an insect repellent substrate as defined in claim 17, wherein the insect repellent is a naturally occurring compound.

19. (Original) A method of manufacturing an insect repellent substrate as defined in claim 18, wherein the insect repellent includes an extract of the pyrethrum flower.

20. (Original) A method of manufacturing an insect repellent substrate as defined in claim 19, wherein the insect repellent includes a pyrethrum solution.

21. (Original) A method of manufacturing an insect repellent substrate as defined in claim 17, wherein the step of producing the repellent carrier composition further includes mixing one or more scented or aromatic oils with the liquid wax.

22. (Previously presented) A method of manufacturing an insect repellent

substrate as defined in claim 21, wherein the scented oils include citronella oil and rosemary oil.

23. (Original) A method of manufacturing an insect repellent substrate as defined in claim 17, wherein the step of producing the carrier composition further includes mixing neem oil with the liquid wax.

24. (Original) An insect repellent substrate as defined in claim 1, wherein the garment is an item of headwear.

25. (Original) An insect repellent substrate as defined in claim 24, wherein the garment is a headband and said insect repellent substrate is sewn onto the inside of a stretch fabric forming the headband.

26. (Original) An insect repellent substrate as defined in claim 1, wherein the insect repellent substrate is removably attached to the garment using hook and loop fastening material.

27. (Original) An insect repellent substrate as defined in claim 26, wherein the garment is a baseball cap.

28. (Previously presented) An insect repellent as defined in claim 1 wherein the mixture comprises at least 76% by volume of the wax.

29. (Previously presented) A method of manufacturing an insect repellent substrate as defined in claim 17 wherein the mixture comprises at least 76% by volume of the wax.

30. (Currently amended) An insect repellent substrate for repelling lice and other parasitic insects and for attachment to the inside of a garment to be worn by a person, the substrate comprising:

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a strip of fabric base material impregnated with a repellent carrier composition, the carrier composition being solid at a temperature below body room-temperature, the strip being adapted to attach to the inside of a garment in a manner that will ensure continuous contact of the portion of the garment containing the insect repellent substrate with the wearer's hair or body, the carrier composition including a mixture of wax and an insect repellent comprising an extract from the pyrethrum flower in proportions such that the carrier composition will controllably release the insect repellent ~~softens when~~ at a temperature corresponding to the body temperature of a person, the insect repellent being present in an amount between 0.5% to 6.0% by volume of said carrier composition, said amount being non-toxic to a person but sufficient to treat and prevent infestations of lice and other parasitic insects on a person whereby, in use, when the garment is worn by a person such that the portion of the garment containing the insect repellent substrate is in contact with hair or skin of the person, the person's body heat causes the ~~carrier composition to soften to thereby provide a~~ controlled release of the insect repellent from the fabric base material to the hair or skin of the person.
